

1636

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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/516,310C

DATE: 11/27/2000  
TIME: 10:05:36

Input Set: A:\22000.0021U2.txt.txt  
Output Set: N:\CRF3\11272001\I516310C.raw

3 <110> APPLICANT: Lin, Yao-Zhong  
4 Hawiger, Jack J.  
5 <120> TITLE OF INVENTION: A Novel Method for Importing  
6 Biologically Active Molecules into Cells  
7  
10 <130> FILE REFERENCE: 22000.0021U2  
12 <140> CURRENT APPLICATION NUMBER: 09/516,310C  
C--> 13 <141> CURRENT FILING DATE: 2000-03-10  
15 <150> PRIOR APPLICATION NUMBER: 09/170,754  
16 <151> PRIOR FILING DATE: 1998-10-13  
18 <150> PRIOR APPLICATION NUMBER: 09/052,784  
19 <151> PRIOR FILING DATE: 1998-03-31  
21 <150> PRIOR APPLICATION NUMBER: 08/258,852  
22 <151> PRIOR FILING DATE: 1994-06-13  
24 <160> NUMBER OF SEQ ID NOS: 11  
26, <170> SOFTWARE: FastSEQ for Windows Version 4.0  
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29 <211> LENGTH: 26  
30 <212> TYPE: PRT  
31 <213> ORGANISM: Artificial Sequence  
33 <220> FEATURE:  
34 <223> OTHER INFORMATION: Description of Artificial Sequence; note = synthetic  
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36 <221> NAME/KEY: SITE  
37 <222> LOCATION: (1)...(16)  
38 <223> OTHER INFORMATION: note = Signal peptide amino acid sequence of K-PGF  
40 <221> NAME/KEY: SITE  
41 <222> LOCATION: (17)...(19)  
42 <223> OTHER INFORMATION: note = Spacer region  
44 <221> NAME/KEY: SITE  
45 <222> LOCATION: (20)...(26)  
46 <223> OTHER INFORMATION: note = Epitope tag  
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49 Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro  
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51 Ala Ala Ala Asp Gln Asn Gln Leu Met Pro  
52 20 25  
54 <210> SEQ ID NO: 2  
55 <211> LENGTH: 7  
56 <212> TYPE: PRT  
57 <213> ORGANISM: Artificial Sequence  
59 <220> FEATURE:  
60 <223> OTHER INFORMATION: Description of Artificial Sequence; note = synthetic  
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62 <400> SEQUENCE: 2  
63 Asn Tyr Lys Lys Pro Lys Leu  
64 1 5  
66 <210> SEQ ID NO: 3  
67 <211> LENGTH: 26

68 <212> TYPE: PRT

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file:///C:/Crf3/Outhold/Vsr1516310C.htm

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69 <213> ORGANISM: Artificial Sequence  
 71 <220> FEATURE:  
 72 <223> OTHER INFORMATION: Description of Artificial Sequence; note = synthetic  
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 74 <221> NAME/KEY: SITE  
 75 <222> LOCATION: (1)...(16)  
 76 <223> OTHER INFORMATION: note = Signal peptide amino acid sequence of K-FGF  
 78 <221> NAME/KEY: SITE  
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 80 <223> OTHER INFORMATION: Spacer region  
 82 <221> NAME/KEY: SITE  
 83 <222> LOCATION: (20)...(26)  
 84 <223> OTHER INFORMATION: Nuclear localization sequence of aFGF  
 86 <400> SEQUENCE: 3  
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 88 1 5 10 15  
 89 Ala Ala Ala Asn Tyr Lys Lys Pro Lys Leu  
 90 20 25  
 92 <210> SEQ ID NO: 4  
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 94 <212> TYPE: PRT  
 95 <213> ORGANISM: Artificial Sequence  
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 101 <222> LOCATION: (1)...(16)  
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 108 <221> NAME/KEY: SITE  
 109 <222> LOCATION: (20)...(26)  
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 112 <221> NAME/KEY: SITE  
 113 <222> LOCATION: (27)...(28)  
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 118 1 5 10 15  
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 120 20 25  
 122 <210> SEQ ID NO: 5  
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 125 <213> ORGANISM: Artificial Sequence  
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 131 <222> LOCATION: (1)...(16)  
 132 <223> OTHER INFORMATION: note = Signal peptide amino acid sequence of K-FGF

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134 <400> SEQUENCE: 5  
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148 1 5 10 15  
149 Glu Ile Leu Leu Pro Asn Asn Tyr Asn Ala Tyr Glu Ser Tyr Lys Tyr  
150 20 25 30  
151 Pro Gly Met Phe Ile Ala Leu Ser Lys  
152 35 40  
154 <210> SEQ ID NO: 7  
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156 <212> TYPE: PRT  
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159 <220> FEATURE:  
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162 <400> SEQUENCE: 7  
163 Glu Ile Leu Leu Pro Asn Asn Tyr Asn Ala Tyr Glu Ser Tyr Lys Tyr  
164 1 5 10 15  
165 Pro Gly Met Phe Ile Ala Leu Ser Lys  
166 20 25  
168 <210> SEQ ID NO: 8  
169 <211> LENGTH: 26  
170 <212> TYPE: PRT  
171 <213> ORGANISM: Artificial Sequence  
173 <220> FEATURE:  
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176 <400> SEQUENCE: 8  
177 Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro  
178 1 5 10 15  
179 Ile Glu Glu Lys Arg Lys Arg Thr Tyr Glu  
180 20 25  
182 <210> SEQ ID NO: 9  
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184 <212> TYPE: PRT  
185 <213> ORGANISM: Artificial Sequence  
187 <220> FEATURE:  
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192 1 5 10 15  
193 Val Asn Arg Lys Arg Asn Lys Leu Met Pro  
194 20 25

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Input Set : A:\22000.0021U2.txt.txt  
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205 Val Asn Arg Lys Arg Asn Lys Leu Met Pro  
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208 <210> SEQ ID NO: 11  
209 <211> LENGTH: 10  
210 <212> TYPE: PRT  
211 <213> ORGANISM: Artificial Sequence  
213 <220> FEATURE:  
214 <223> OTHER INFORMATION: Description of Artificial Sequence; note = synthetic  
construct  
216 <400> SEQUENCE: 11  
217 Ile Glu Glu Lys Arg Lys Arg Thr Tyr Tyr Glu  
218 1 5 10

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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date